

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
 Data File : VX044210.D
 Acq On : 10 Dec 2024 16:00
 Operator : JC/MD
 Sample : P5243-01 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1203

Quant Time: Dec 11 01:36:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

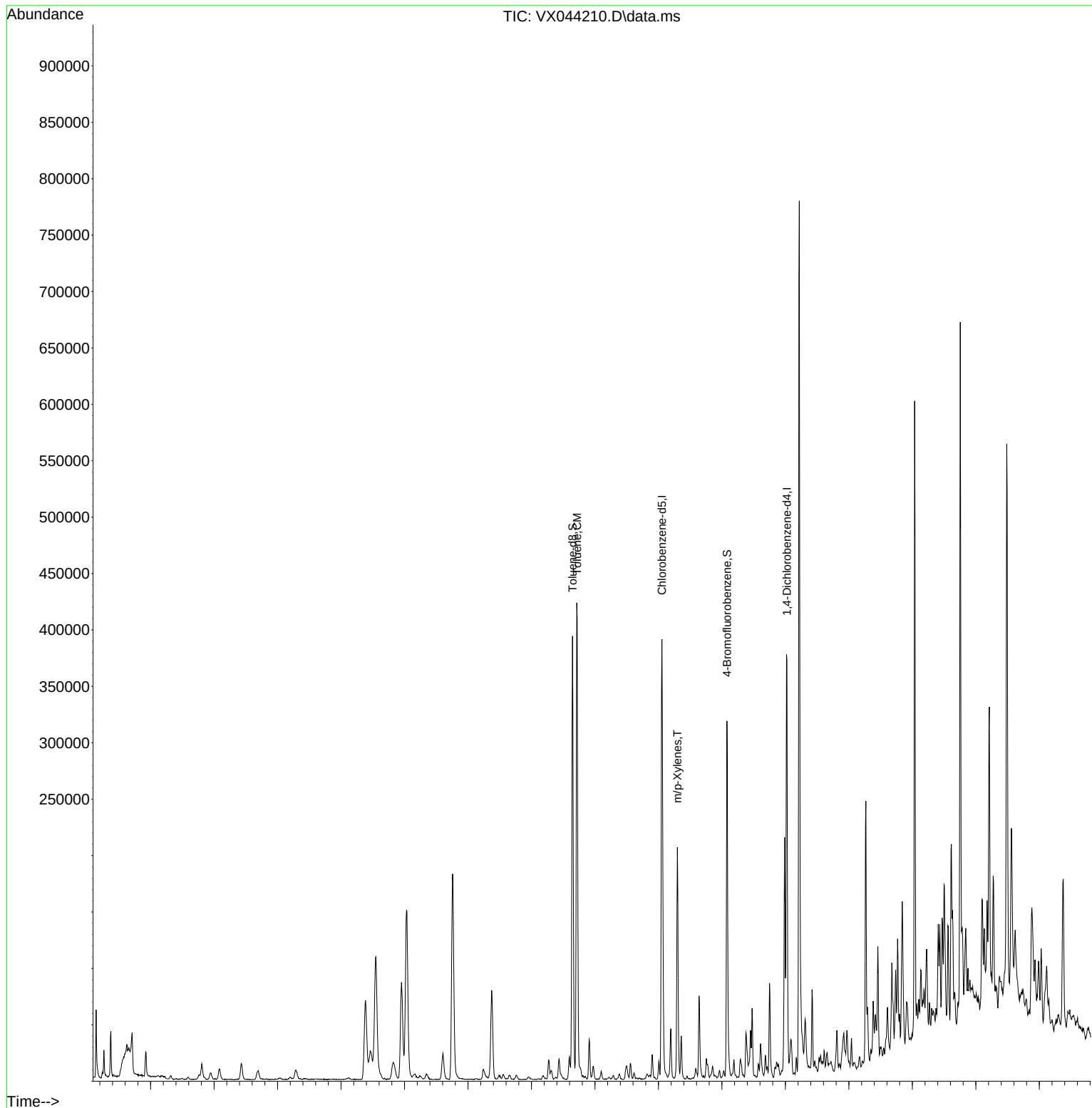
Internal Standards						
1) Pentafluorobenzene	5.550	168	94610	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	179589	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	160600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71975	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83624	51.533	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	=	103.060%	
35) Dibromofluoromethane	5.385	113	59846	46.636	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	=	93.280%	
50) Toluene-d8	8.647	98	220420	49.829	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	=	99.660%	
62) 4-Bromofluorobenzene	11.079	95	78783	52.332	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery	=	104.660%	
Target Compounds						
					Qvalue	
17) Carbon Disulfide	2.495	76	1237	0.550	ug/l #	69
31) Cyclohexane	5.452	56	16261	8.991	ug/l	99
39) Methylcyclohexane	7.379	83	33096	15.931	ug/l	94
40) Benzene	6.031	78	179092	35.955	ug/l	96
52) Toluene	8.720	92	152871	51.276	ug/l	98
67) Ethyl Benzene	10.195	91	24111	4.034	ug/l	94
68) m/p-Xylenes	10.299	106	44806	20.102	ug/l	100
69) o-Xylene	10.640	106	14737	6.772	ug/l	87
73) Isopropylbenzene	10.963	105	3690	0.667	ug/l	95
78) n-propylbenzene	11.305	91	5843	0.946	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	17159	3.770	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	35699	7.878	ug/l	97
85) sec-Butylbenzene	11.890	105	1988	0.360	ug/l #	57
95) Naphthalene	13.774	128	20046	3.894	ug/l #	92

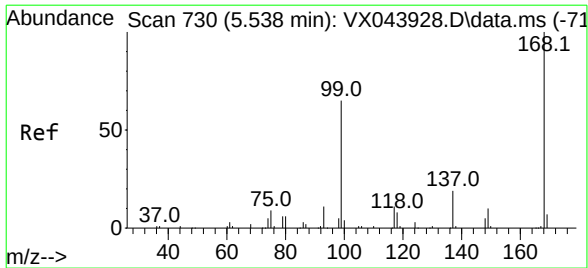
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1203

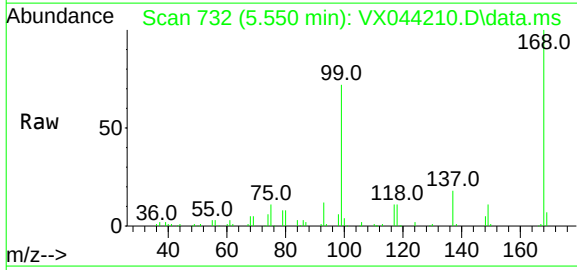
Quant Time: Dec 11 01:36:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
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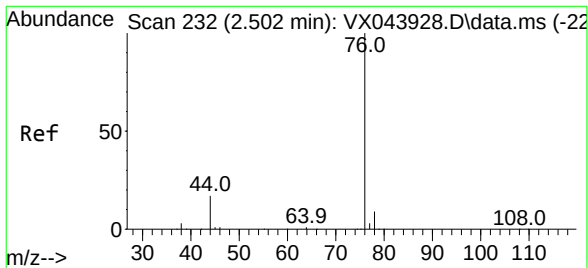
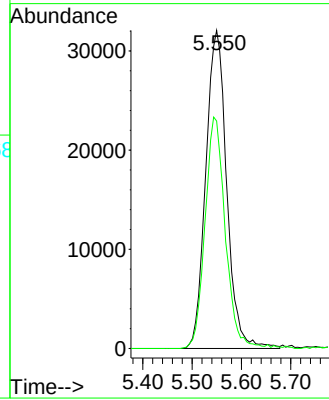
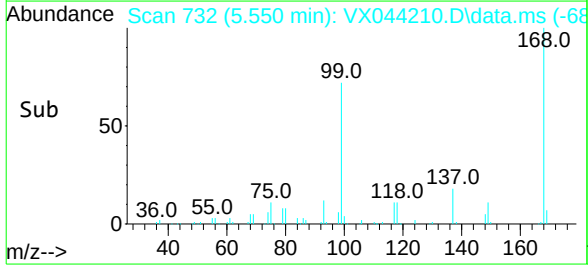


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 731
Delta R.T. 0.012 min
Lab File: VX044210.D
Acq: 10 Dec 2024 16:00

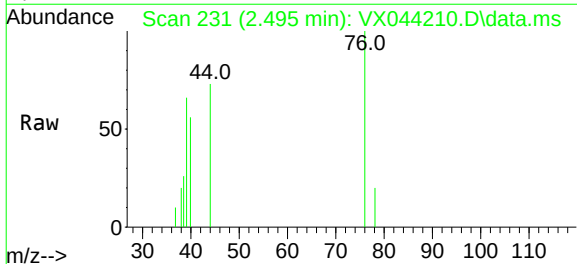
Instrument :
MSVOA_X
ClientSampleId :
1203



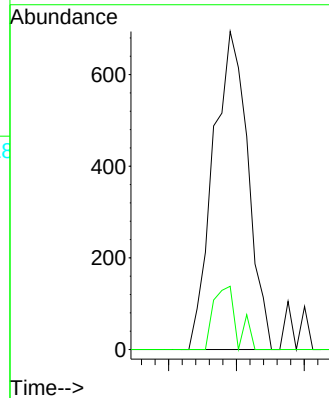
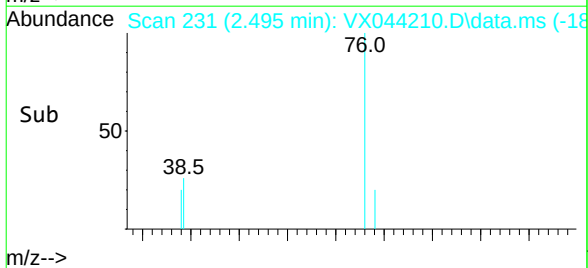
Tgt Ion:168 Resp: 94610
Ion Ratio Lower Upper
168 100
99 71.5 51.8 77.8

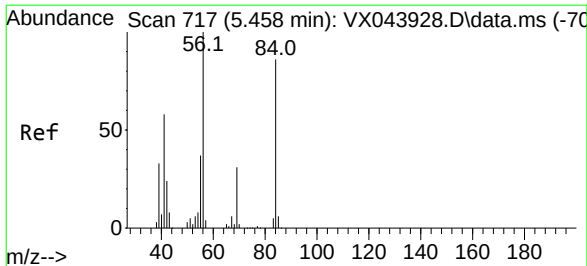


#17
Carbon Disulfide
Concen: 0.550 ug/l
RT: 2.495 min Scan# 231
Delta R.T. -0.006 min
Lab File: VX044210.D
Acq: 10 Dec 2024 16:00



Tgt Ion: 76 Resp: 1237
Ion Ratio Lower Upper
76 100
78 19.9 7.0 10.6#





#31

Cyclohexane

Concen: 8.991 ug/l

RT: 5.452 min Scan# 717

Delta R.T. -0.006 min

Lab File: VX044210.D

Acq: 10 Dec 2024 16:00

Instrument :

MSVOA_X

ClientSampleId :

1203

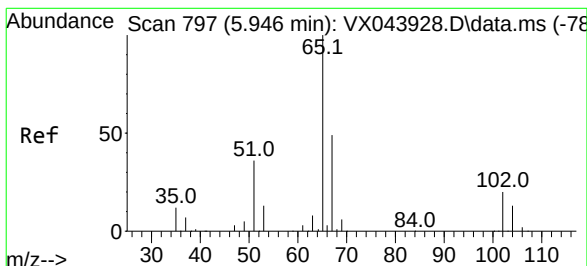
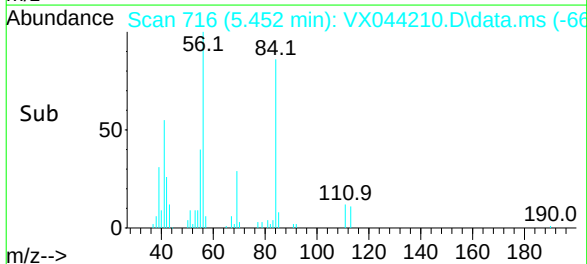
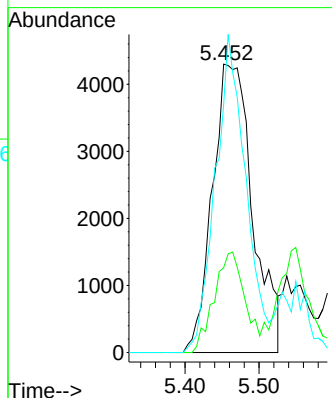
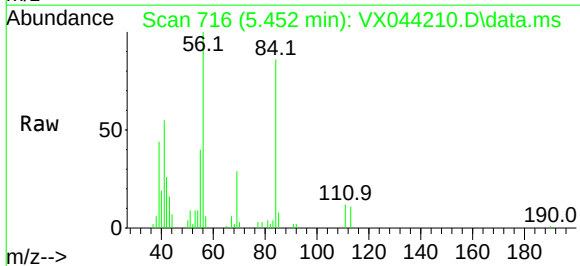
Tgt Ion: 56 Resp: 16261

Ion Ratio Lower Upper

56 100

69 29.4 24.7 37.1

84 86.0 68.7 103.1



#33

1,2-Dichloroethane-d4

Concen: 51.533 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX044210.D

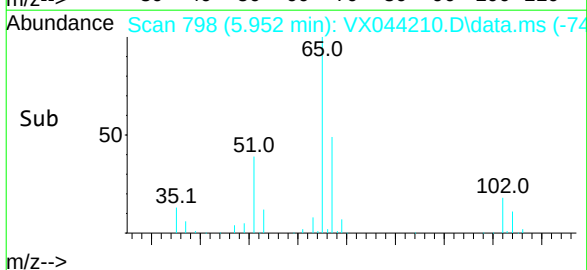
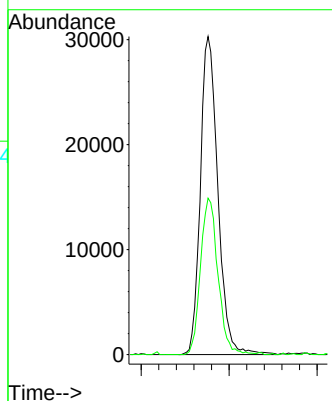
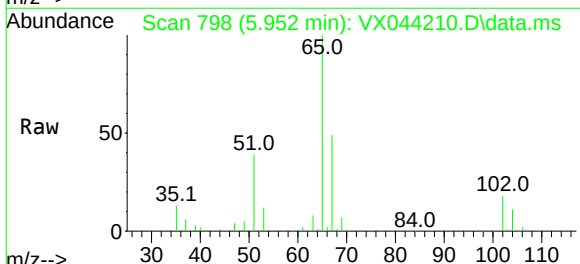
Acq: 10 Dec 2024 16:00

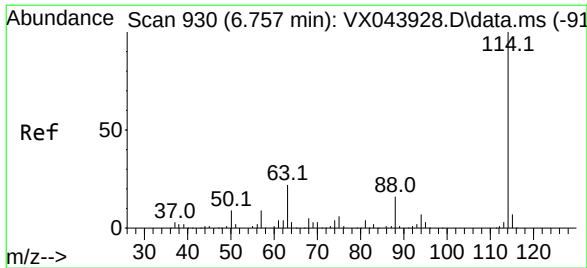
Tgt Ion: 65 Resp: 83624

Ion Ratio Lower Upper

65 100

67 49.0 0.0 100.8

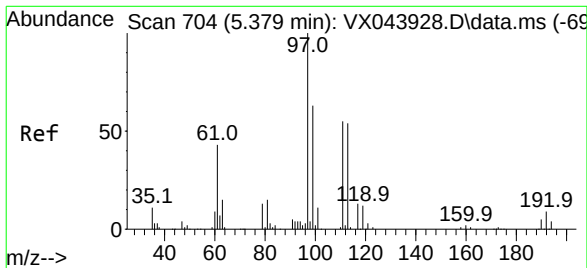
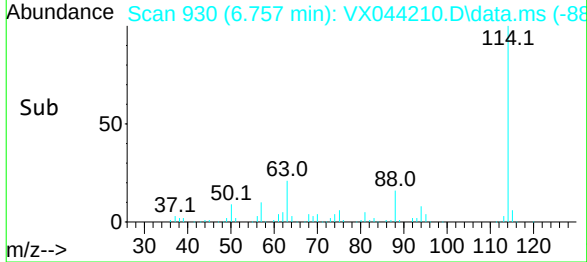
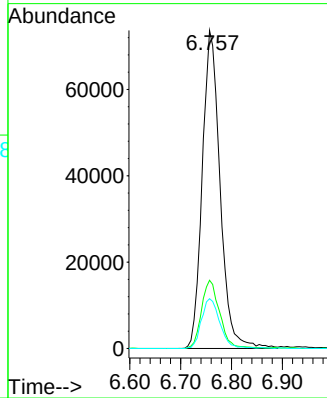
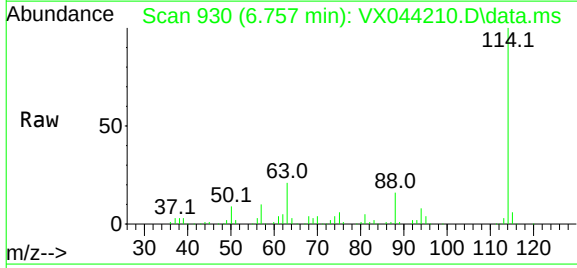




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 93
Delta R.T. -0.000 min
Lab File: VX044210.D
Acq: 10 Dec 2024 16:00

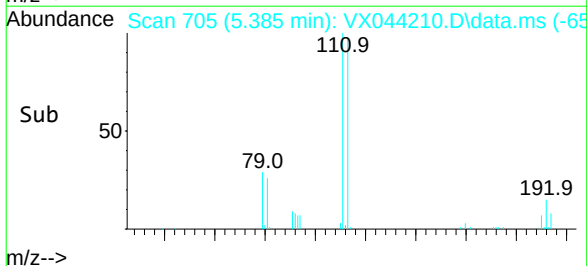
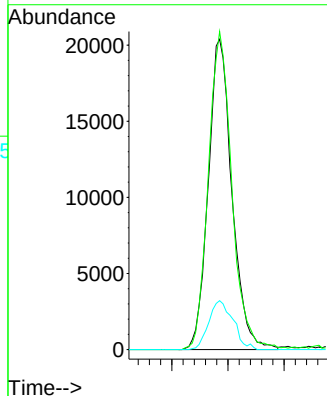
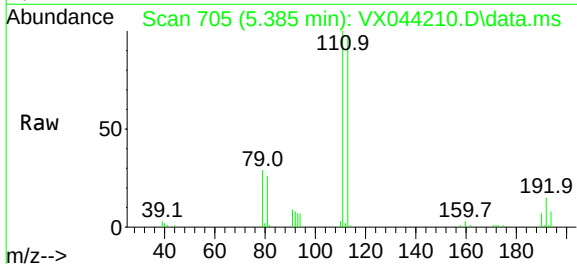
Instrument :
MSVOA_X
ClientSampleId :
1203

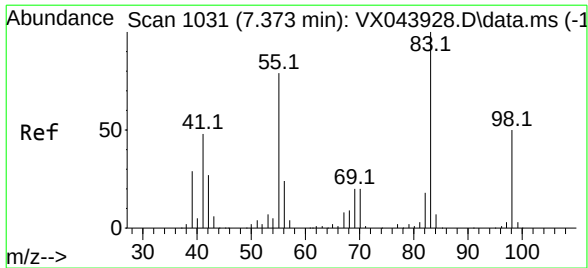
Tgt Ion:114 Resp: 179589
Ion Ratio Lower Upper
114 100
63 21.4 0.0 44.0
88 15.7 0.0 32.4



#35
Dibromofluoromethane
Concen: 46.636 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX044210.D
Acq: 10 Dec 2024 16:00

Tgt Ion:113 Resp: 59846
Ion Ratio Lower Upper
113 100
111 101.6 81.0 121.4
192 16.2 13.0 19.6

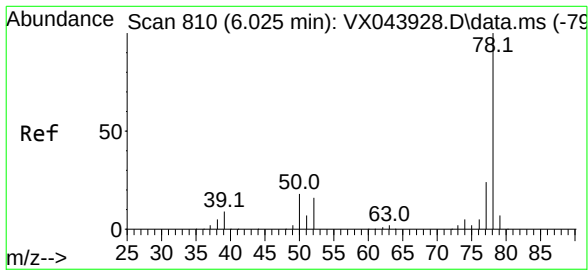
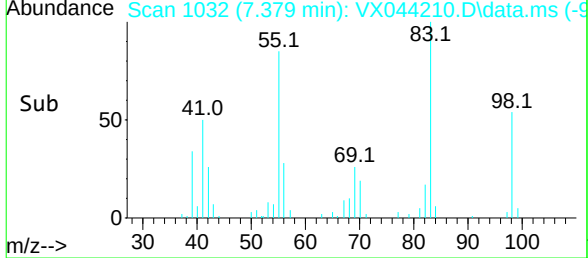
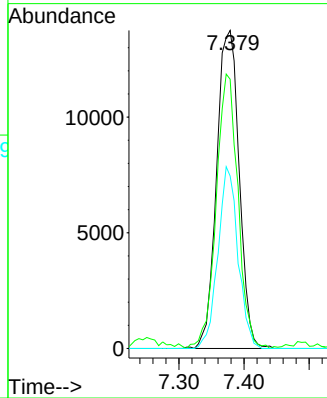
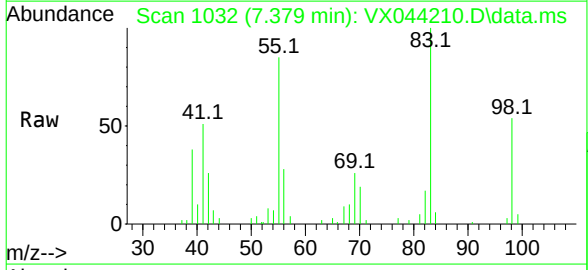




#39
Methylcyclohexane
Concen: 15.931 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VX044210.D
Acq: 10 Dec 2024 16:00

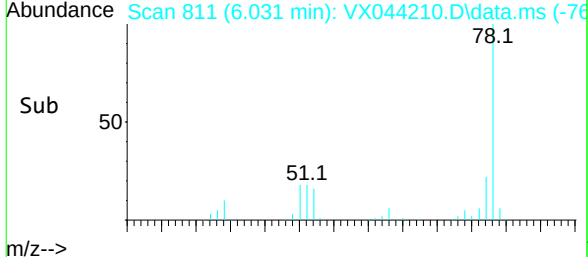
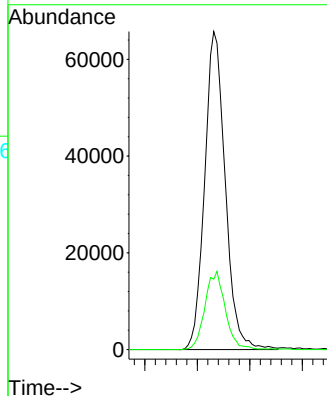
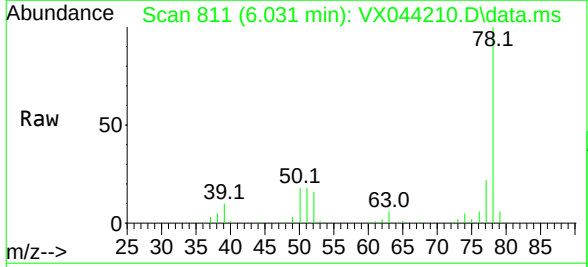
Instrument :
MSVOA_X
ClientSampleId :
1203

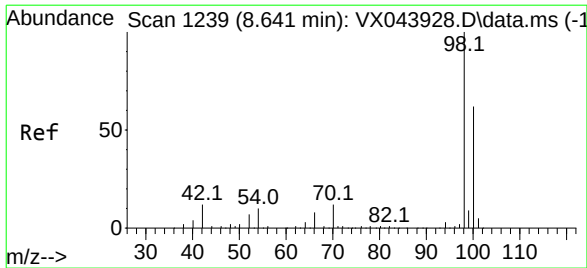
Tgt Ion:	83	Resp:	33096
Ion	Ratio	Lower	Upper
83	100		
55	84.3	63.1	94.7
98	54.2	40.0	60.0



#40
Benzene
Concen: 35.955 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX044210.D
Acq: 10 Dec 2024 16:00

Tgt Ion:	78	Resp:	179092
Ion	Ratio	Lower	Upper
78	100		
77	22.1	19.2	28.8





#50

Toluene-d8

Concen: 49.829 ug/l

RT: 8.647 min Scan# 12

Delta R.T. 0.006 min

Lab File: VX044210.D

Acq: 10 Dec 2024 16:00

Instrument :

MSVOA_X

ClientSampleId :

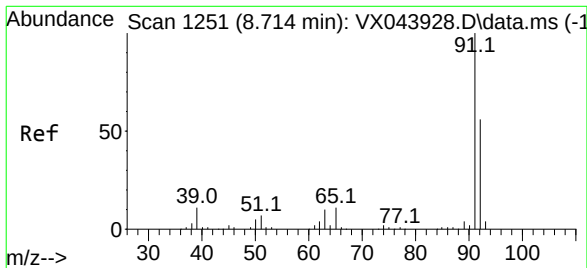
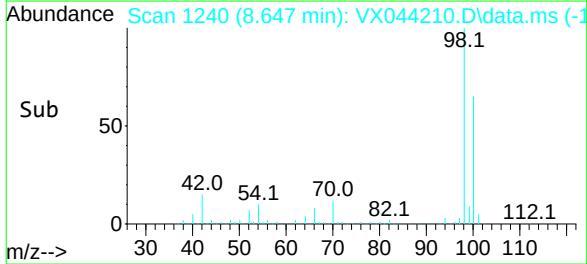
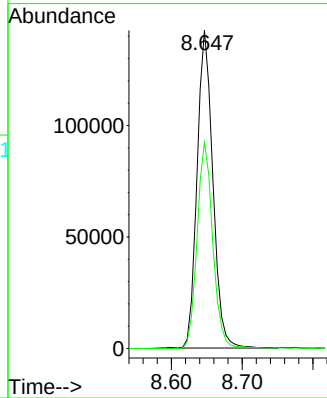
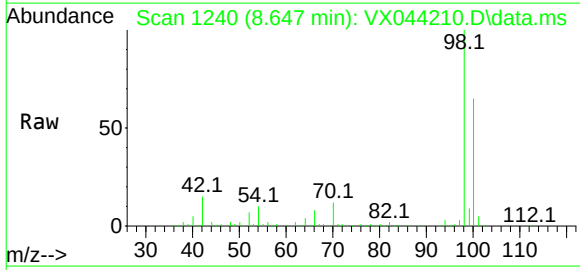
1203

Tgt Ion: 98 Resp: 220420

Ion Ratio Lower Upper

98 100

100 64.6 52.6 79.0



#52

Toluene

Concen: 51.276 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX044210.D

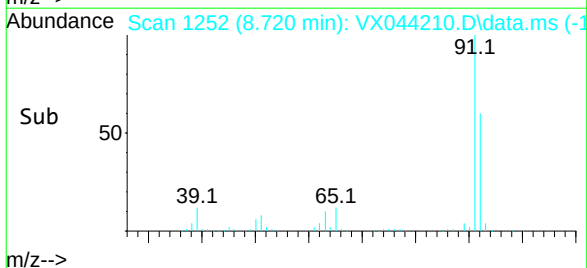
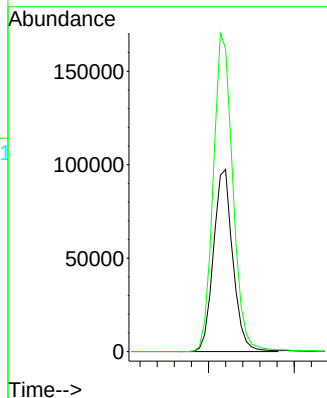
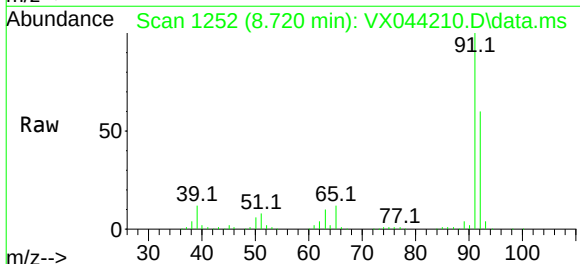
Acq: 10 Dec 2024 16:00

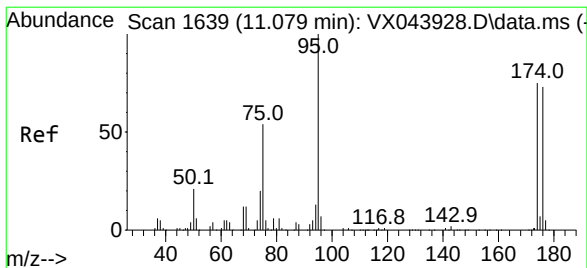
Tgt Ion: 92 Resp: 152871

Ion Ratio Lower Upper

92 100

91 177.4 139.7 209.5





#62

4-Bromofluorobenzene

Concen: 52.332 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044210.D

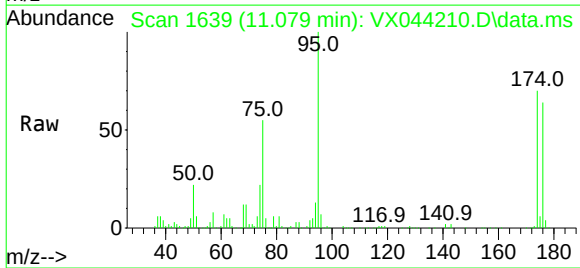
Acq: 10 Dec 2024 16:00

Instrument :

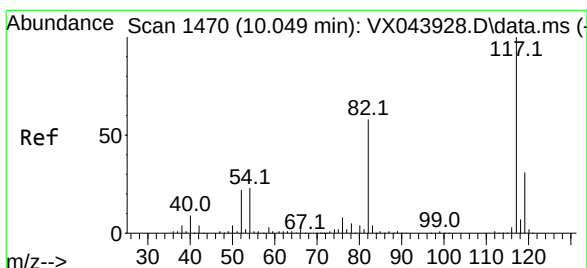
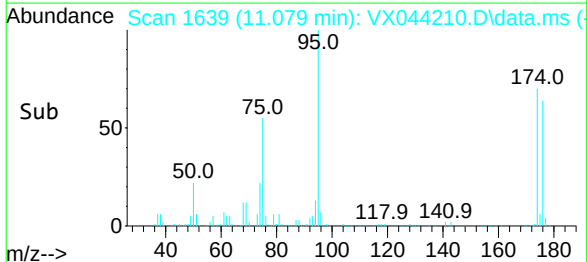
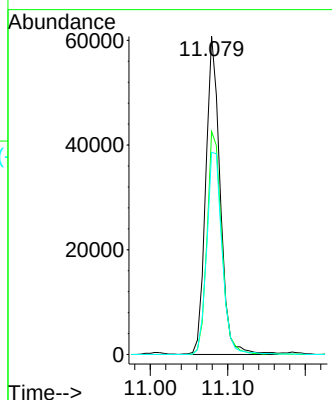
MSVOA_X

ClientSampleId :

1203



Tgt Ion:	95	Resp:	78783
Ion	Ratio	Lower	Upper
95	100		
174	70.9	0.0	150.4
176	67.5	0.0	146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

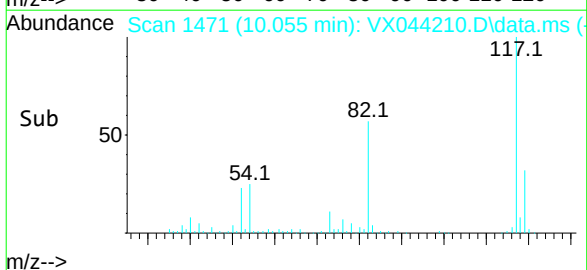
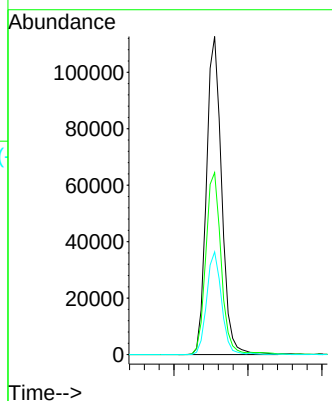
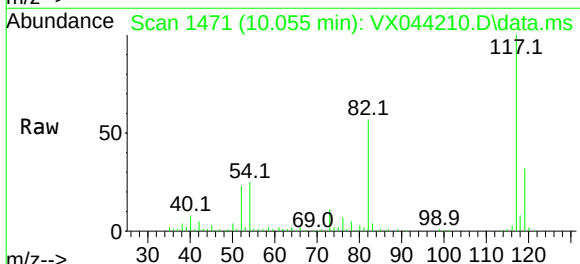
RT: 10.055 min Scan# 1471

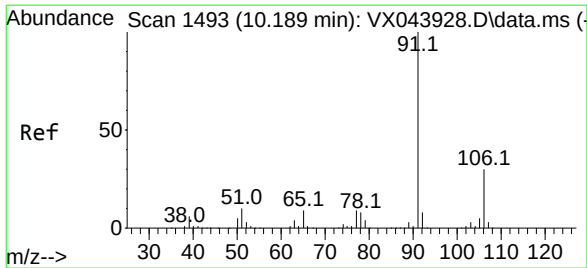
Delta R.T. 0.006 min

Lab File: VX044210.D

Acq: 10 Dec 2024 16:00

Tgt Ion:	117	Resp:	160600
Ion	Ratio	Lower	Upper
117	100		
82	57.2	46.4	69.6
119	32.3	24.6	37.0

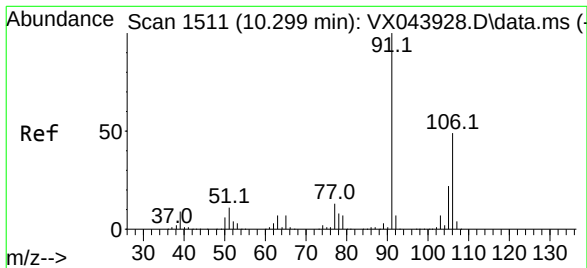
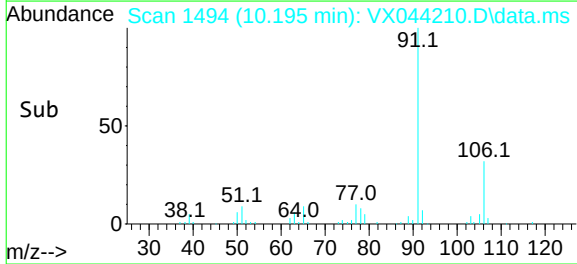
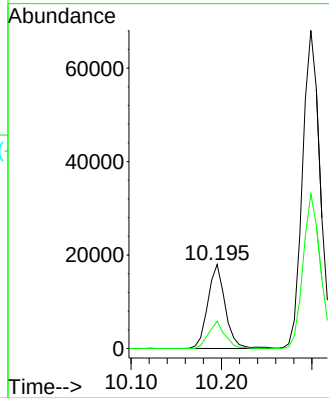
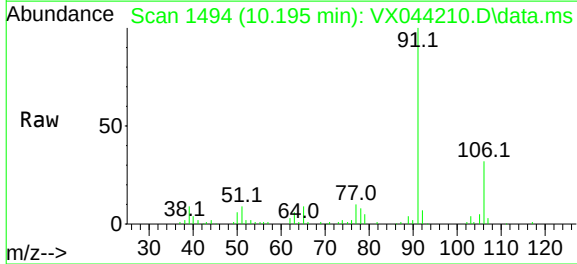




#67
Ethyl Benzene
Concen: 4.034 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX044210.D
Acq: 10 Dec 2024 16:00

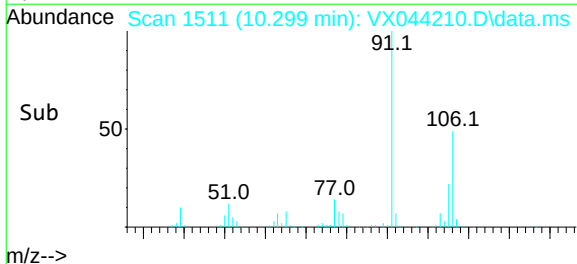
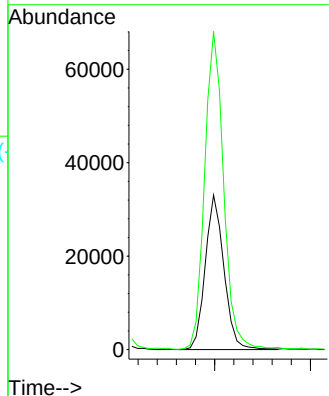
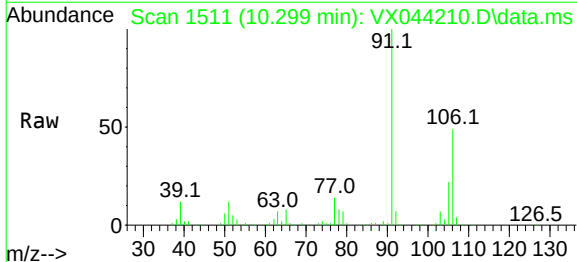
Instrument :
MSVOA_X
ClientSampleId :
1203

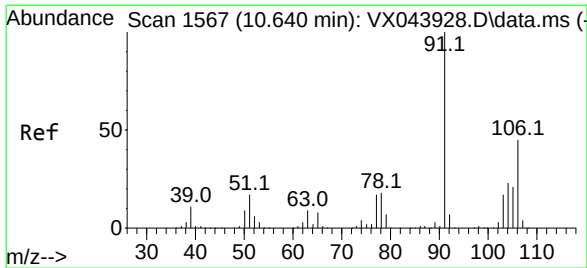
Tgt Ion: 91 Resp: 24111
Ion Ratio Lower Upper
91 100
106 32.5 23.6 35.4



#68
m/p-Xylenes
Concen: 20.102 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044210.D
Acq: 10 Dec 2024 16:00

Tgt Ion:106 Resp: 44806
Ion Ratio Lower Upper
106 100
91 209.5 168.1 252.1





#69

o-Xylene

Concen: 6.772 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044210.D

Acq: 10 Dec 2024 16:00

Instrument :

MSVOA_X

ClientSampleId :

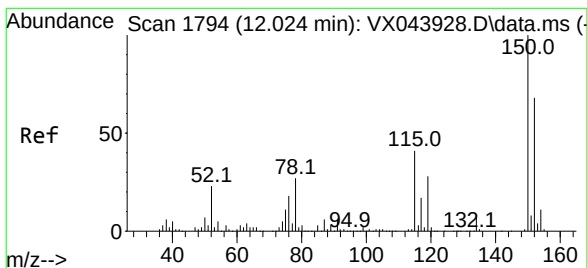
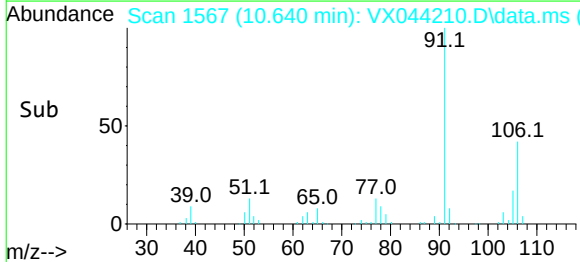
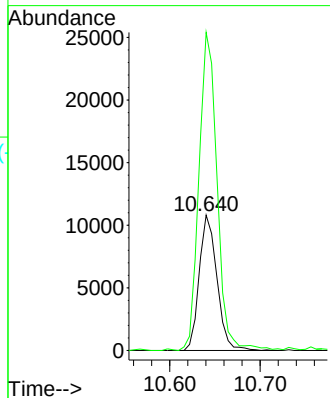
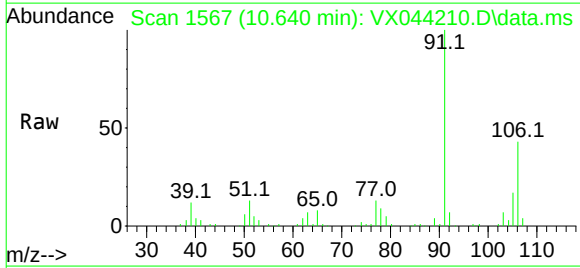
1203

Tgt Ion:106 Resp: 14737

Ion Ratio Lower Upper

106 100

91 241.0 110.2 330.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX044210.D

Acq: 10 Dec 2024 16:00

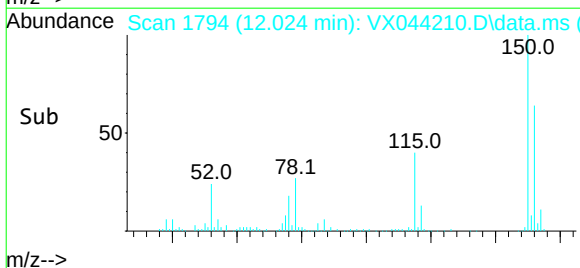
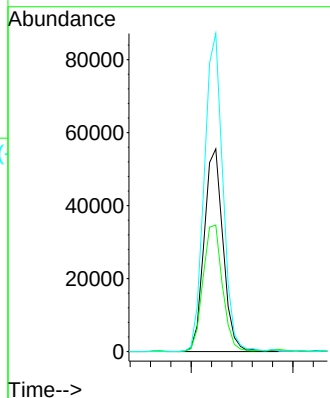
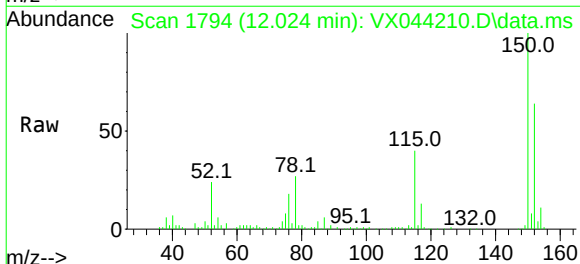
Tgt Ion:152 Resp: 71975

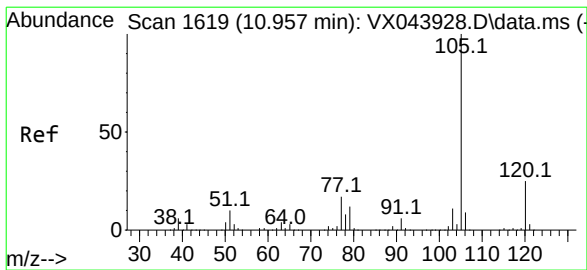
Ion Ratio Lower Upper

152 100

115 64.1 45.4 136.2

150 153.7 0.0 353.0





#73

Isopropylbenzene

Concen: 0.667 ug/l

RT: 10.963 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VX044210.D

Acq: 10 Dec 2024 16:00

Instrument :

MSVOA_X

ClientSampleId :

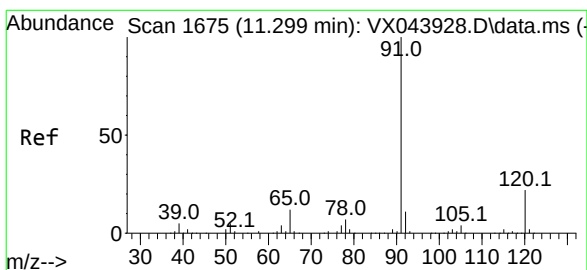
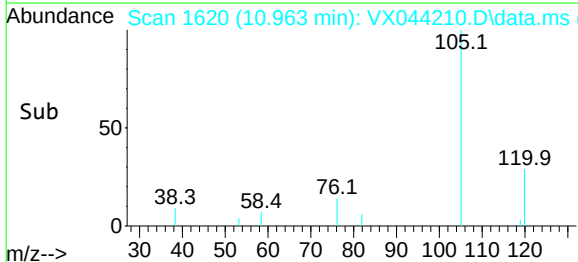
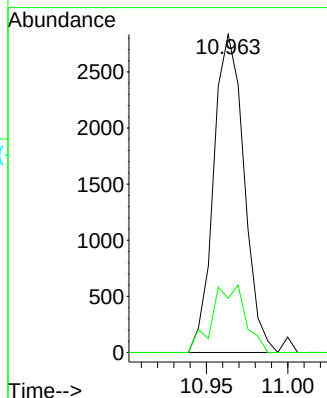
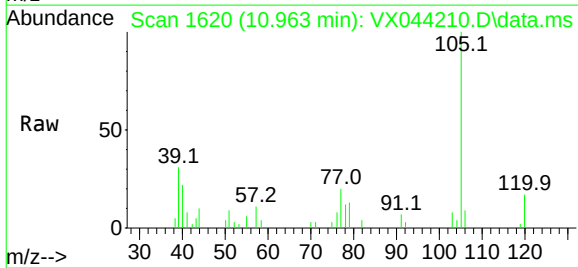
1203

Tgt Ion:105 Resp: 3690

Ion Ratio Lower Upper

105 100

120 23.2 13.0 38.9



#78

n-propylbenzene

Concen: 0.946 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX044210.D

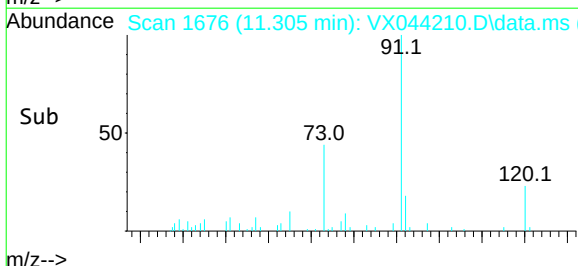
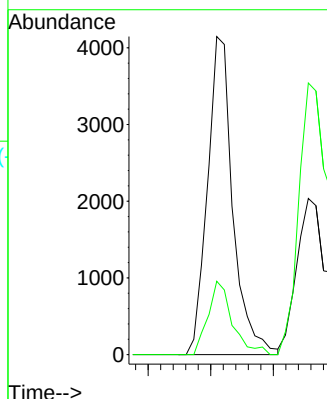
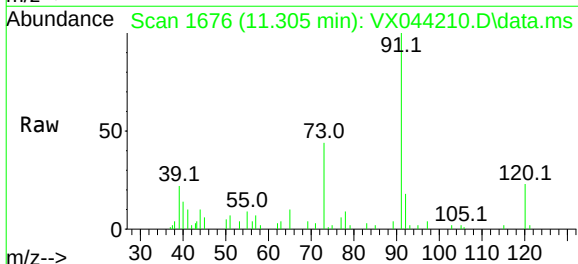
Acq: 10 Dec 2024 16:00

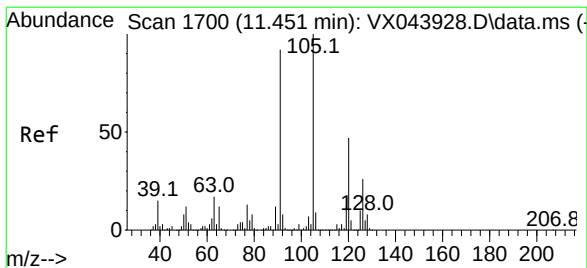
Tgt Ion: 91 Resp: 5843

Ion Ratio Lower Upper

91 100

120 22.1 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 3.770 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044210.D

Acq: 10 Dec 2024 16:00

Instrument :

MSVOA_X

ClientSampleId :

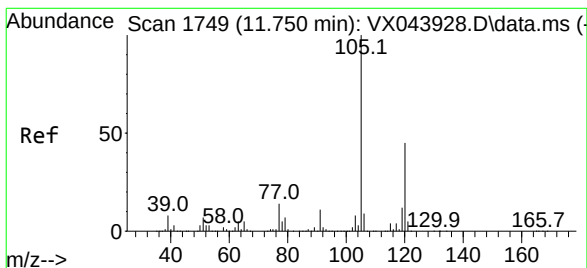
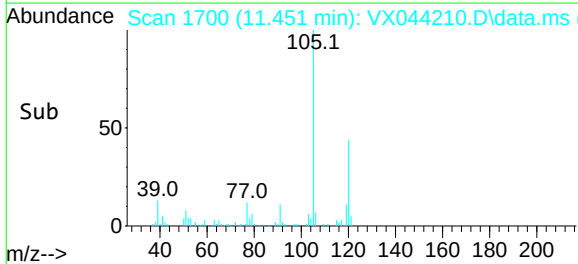
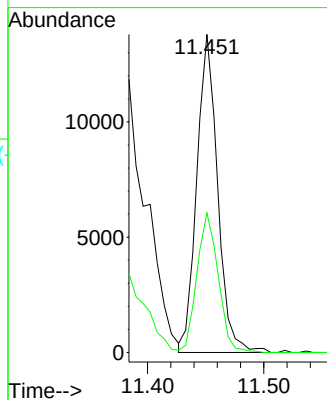
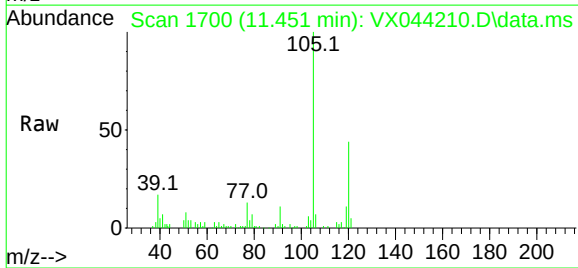
1203

Tgt Ion:105 Resp: 17159

Ion Ratio Lower Upper

105 100

120 44.9 23.3 69.8



#84

1,2,4-Trimethylbenzene

Concen: 7.878 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044210.D

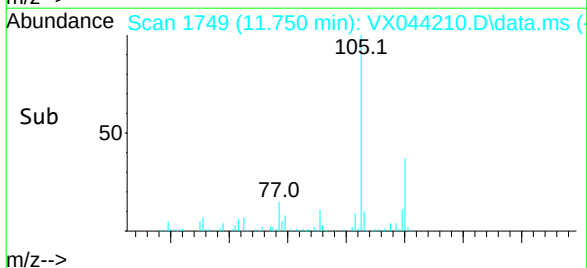
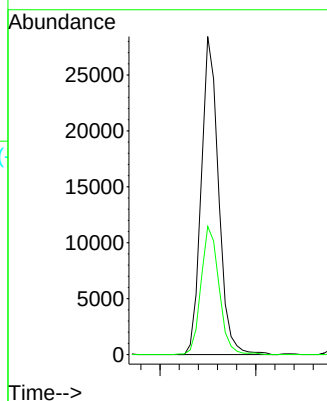
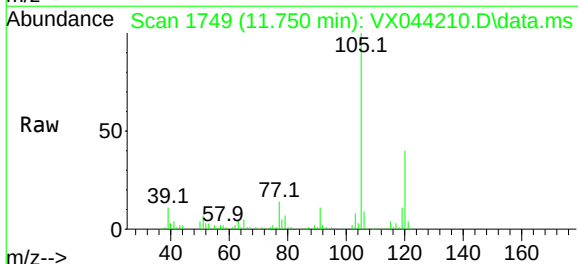
Acq: 10 Dec 2024 16:00

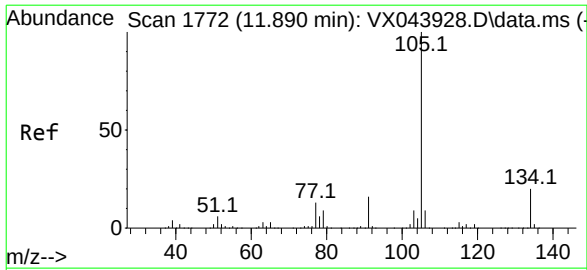
Tgt Ion:105 Resp: 35699

Ion Ratio Lower Upper

105 100

120 42.0 21.9 65.7





#85

sec-Butylbenzene

Concen: 0.360 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX044210.D

Acq: 10 Dec 2024 16:00

Instrument :

MSVOA_X

ClientSampleId :

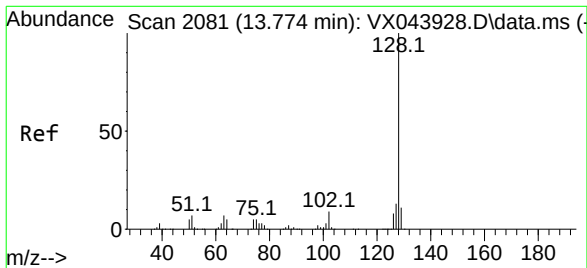
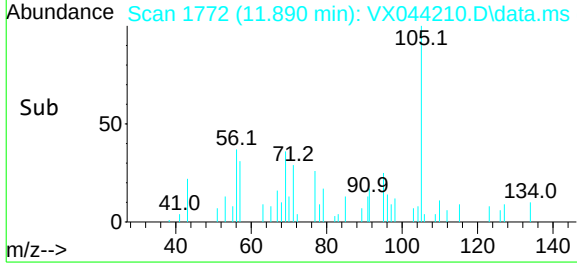
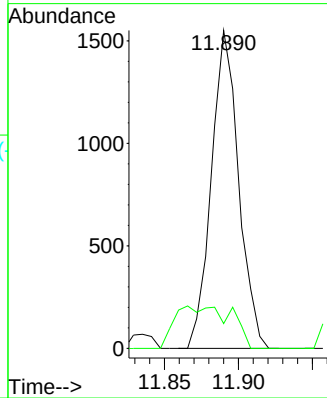
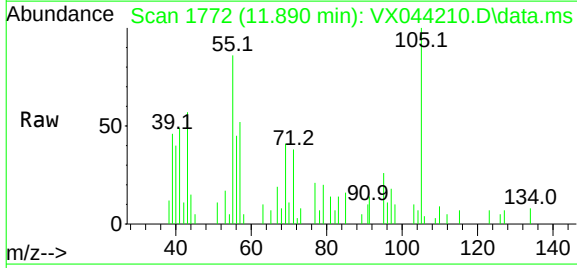
1203

Tgt Ion:105 Resp: 1988

Ion Ratio Lower Upper

105 100

134 0.0 9.7 29.1#



#95

Naphthalene

Concen: 3.894 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044210.D

Acq: 10 Dec 2024 16:00

Tgt Ion:128 Resp: 20046

Ion Ratio Lower Upper

128 100

127 15.8 10.2 15.2#

129 13.5 8.6 12.8#

